

B/O Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	Atty. Docket Number	Serial Number
	KLAV3010C2/REF	Continuation of 09/925,715
	Applicant	
	KLAIVENESS et al.	
	Filing Date	Group
	December 15, 2003	1616

U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate
JMS	5,013,556	5/7/91	Woodle et al.	424	450	
	5,356,633	10/18/94	Woodle et al.	424	450	
	4,927,916	5/22/90	Matsueda	530	387	
	5,154,924	10/13/92	Friden	424	85.91	
	5,198,424	3/30/93	McEver	514	13	
	5,505,932	4/9/96	Grinstaff et al.	424	9.3	
	5,846,517	12/8/98	Unger	424	9.52	
	08/640,464	5/1/96	Unger			
	5,997,898	12/7/99	UNGER et al.	424	450	
	5,891,468	4/6/99	MARTIN et al.	424	450	
	5,849,727	12/15/98	Porter et al.	514	156	
	5,362,478	11/8/94	Desai et al.	424	9	
	6,245,318	6/12/01	Klibanov et al.	424	9.52	

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
JMS	WO 94/07539	4/14/94	Schering AG/Fritzsch et al. (incl. translation)				
JMS	WO 95/15118	6/8/1995	PCT				

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

JMS	WORTHINGTON ENZYME MANUAL, WORTHINGTON BIOCHEMICAL CORPORATION, 1972
	Medline database extract no. XP-002063692, 1997.
	Biosis database extract no. XP-002063693, November 1997.
	Medline database extract no. KP-002064110, 1997.
	Muzykantov et al., J. Nuclear Medicine, 35(8): 1358-1365 (19940

Examiner	Date Considered
JMS	12-11-06

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; Draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	KLAV3010C2/REF	Continuation of 09/925,715
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	Filing Date	Group
	December 3, 2003	1616

U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate
JAS	5,612,057	3/18/97	Lanza et al.			
	5,632,986	5/27/97	Tait et al.			
	5,733,572	3/31/98	Unger et a.			
	5,716,594	2/19/98	Elmaleh et al.			
	5,643,553	7/1/97	Schneider et al.			
	5,650,156	7/22/97	Grinstaff et al.			
	5,656,211	8/12/97	Unger et al.			
	5,690,907	11/25/97	Lanza et al.			
	5,780,010	7/14/98	Lanza et al.			

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
JAS	0 727 225	8/21/96	EP				
	WO 96/41647	12/27/96	PCT				
	WO 94/28873	12/22/94	PCT				
	WO 94/28874	12/22/94	PCT				
	WO 96/40285	12/19/96	PCT				
	WO 96/39149	12/12/96	PCT				
	WO 97/23855	7/3/97	PCT				
	WO 98/00172	1/8/98	PCT				
	WO 97/41898	11/13/97	PCT				
	WO 98/04293	2/5/98	PCT				
	WO 98/19705	5/14/98	PCT				

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

JAS	Klibanov et al., Acta Radiologica, 38 (Supp 412):113-120 (1997)
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Examiner

Date Considered

12-11-06

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U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate
JAS	5,665,383	9/9/97	Grinstaff et al.			
	5,534,241	7/9/96	Torchilin et al.			
	5,910,300	6/1/99	Tournier et al.			
	5,498,421	3/1996	Grinstaff et al.			
	6,217,869	04/2001	Meyer et al.			

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
JAS	WO 98/20856	5/22/98	PCT				
	WO 98/42384	10/1/98	PCT				
	1 9 626 530	7/2/96	DE (English Abstract)				
	WO 97/33474	9/18/97	PCT				
	WO 95/07072	3/16/95	PCT				
	2 145 505	4/14/94	CA				
	WO 95/03356	2/2/95	PCT				
	WO 96/40277	12/9/96	PCT				
	WO 95/03357	2/2/95	PCT				
	WO 93/20802	10/28/93	PCT				

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

Examiner	Date Considered
JAS	12-11-06

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B/O Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	Atty. Docket Number REF/Klaveness/206	Serial Number 08/959,206
	Applicant Klaveness et al.	
	Filing Date Oct. 28, 1997	Group 1619

U.S. Patent Documents

Examiner Initial	Document Number	Date	Potentes/Applicant	Class	Subclass	Filing Date if Appropriate
<i>[Signature]</i>	6,245,318	12/Jun/01	Klibanov et al.	424	9.52	

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

Examiner <i>[Signature]</i>	Date Considered 12-11-06
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Notice of References Cited				Application No. 08/959,206		Applicant(s) Klevenness et al.	
				Examiner Hartley		Group Art Unit 1616	

U.S. PATENT DOCUMENTS						
*	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	
A	5,498,421	3/1996	Grinstaff et al.	424	450	
B						
C						
D						
E						
F						
G						
H						
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*	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
N						
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R						
S						
T						

NON-PATENT DOCUMENTS		
*	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
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V		
W		
X		

* A copy of this reference is not being furnished with this Office action.
(See Manual of Patent Examining Procedure, Section 707.05(a).)

Notice of References Cited

Application No.
08/959,206

Applicant(s)
Klaveness et al.

Examiner
Michael Hartley

Group Art Unit
1616

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U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A	5,910,300	6/1999	Tournier et al.	424	9.34
B					
C					
D					
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F					
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K					
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FOREIGN PATENT DOCUMENTS

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N						
P						
Q						
R						
S						
T						

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	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
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B/O Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	Atty. Docket Number	Serial Number
	REF/Klav n ss/CPA	08/959,206
	Applicant KLAIVENESS t al.	
	Filing Date October 28, 1997	Group 1616

U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date If Appropriate
	5,013,556	5/7/91	Woodle et al.	424	450	
	5,356,633	10/18/94	Woodle et al.	424	450	
	4,927,916	5/22/90	Matsueda	530	387	
	5,154,924	10/13/92	Friden	424	85.91	
	5,198,424	3/30/93	McEver	514	13	
	5,505,932	4/9/96	Grinstaff et al.	424	9.3	
	5,846,517	12/8/98	Unger	424	9.52	
	08/640,464	5/1/96	Unger			
	08/660,032					
	08/712,173					
	5,849,727	12/15/98	Porter et al.	514	156	
	5,362,478	11/8/94	Desai et al.	424	9	

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
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	WO 94/07539	4/14/94	Schering AG/Fritzsch et al. (incl. translation)				

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

	WORTHINGTON ENZYME MANUAL, WORTHINGTON BIOCHEMICAL CORPORATION, 1972

Examiner 	Date Considered 12-11-06
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Sheet 1 of 1

B/O Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	Art. Docket Number KLAV3010C/REF	Serial Number 09/925,715
	Applicant KLAVENESS et al.	
	Filing Date August 10, 2001	Group 1618-1616

U.S. Patent Documents

[illegible]

Foreign-Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

Examiner Hartley Date Considered 1/21/2003

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Notice of References Cited	Application/Control No. 09/925,715	Applicant(s)/Patent Under Reexamination KLAIVENESS ET AL.	
	Examiner Michael G. Hartley	Art Unit 1616	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-6,217,869	04-2001	Meyer et al.	424/178.1
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
 Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

B/O Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	Atty. Docket Number	Serial Number
	REF/Klav ness/206	08/959,206
	Applicant KLAIVENESS t al.	
Filing Date	Group	
October 28, 1997	1616	

U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate
AK	5 612 057	3/18/1997	Lanza et al.	424	450	
AK	5 632 986	5/27/1997	Tait et al.	424	94.64	
AK	5 733 572	3/31/1998	Unger et al.	424	450	
AK	5 716 594	2/19/98	Elmaleh et al.	424	1.41	
AK	5 643,553	7/1/1997	Schneider et al.	424	9.52	
AK	5 650 156	7/22/1997	Grinstaff et al.	424	400	
AK	5 656 211	8/12/1997	Unger et al.	264	4.1	
AK	5 690 907	11/25/1997	Lanza et al.	424	9.5	
AK	5 780 010	7/14/1998	Lanza et al.	424	9.32	
AK	5 665 383	9/9/1997	Grinstaff et al.	424	450	
AK	5 534 241	7/9/1996	Torchilin et al.	424	9.321	

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
AK	WO 95/15118	6/8/1995	PCT				
AK	0 727 225	8/21/1996	EP				
AK	WO 96/41647	12/27/1996	PCT				
AK	WO 94/28873	12/22/1994	PCT				
AK	WO 94/28874	12/22/1994	PCT				
AK	WO 96/40285	12/19/1996	PCT				
AK	WO 96/39149	12/12/1996	PCT				

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

AK	Medline database extract no. XP-002063692, 1997.
AK	Biosis database extract no. XP-002063693, 11/1997.
AK	Medline database extract no. KP-002064110, 1997.

Examiner *H.A. Heng* Date Considered *12/11/06*
4/99

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U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
HA	WO 97/23855	7/3/1997	PCT				
HA	WO 98/00172	1/8/1998	PCT				
HA	WO 97/41898	11/13/1997	PCT				
HA	WO 98/04293	2/5/1998	PCT				
HA	WO 98/19705	5/14/1998	PCT				
HA	WO 98/20856	5/22/98	PCT				
HA	WO 98/42384	10/1/1998	PCT				
HA	1 9 626 530	7/2/1996	DE (English Abstract)				
HA	WO 97/33474	9/18/1997	PCT				
HA	WO 95/07072	3/16/1995	PCT				
HA	2 145 505	4/14/1994	CA				
HA	WO 95/03356	2/2/1995	PCT				
HA	WO 96/40277	12/9/1996	PCT				
HA	WO 95/03357	2/2/1995	PCT				
HA	WO 93/20802	10/28/1993	PCT				

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HA	Muzykantov et al., J. Nuclear Medicine, 35(8): 1358-1365 (1994)
HA	Klibanov et al., Acta Radiologica, 38(Supp 412):113-120 (1997)

Examiner Hartley Date Considered 4/99

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